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1 [The server network generator \(SNG\): a CASE tool for distributed cooperative processing](#)



L. E. Zeidner

July 1991 **ACM SIGAPL APL Quote Quad , Proceedings of the international conference on APL '91**, Volume 21 Issue 4

Full text available: [pdf \(1.28 MB\)](#)

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The Server Network Generator (SNG) is a CASE tool that employs a problem solver's ability to represent an application as an ordinary block diagram, a graphical specification of its macroscopic structure. This functional decomposition provides a natural mechanism for subdividing the application into processing tasks that can be distributed across a computing network. Each "server" is a software process that assumes the role of one block in the diagram, performing one processing task, employing in ...

2 [State table analysis of programs in an algo-like language](#)



David L. Parnas

January 1966 **Proceedings of the 1966 21st national conference**

Full text available: [pdf \(713.94 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

a. The source language—SFD-ALGOL SFD-ALGOL 1.2 is an ALGOL-like language intended to describe the functions of synchronous systems. The function of a system is the response of its output to any input sequence. This function can be described by an algorithm. The algorithm need not be the one actually used by the system; it need only be equivalent. ALGOL is suitable for such a purpose except that it cannot express timing, specify input re ...

3 [Session W-24: The qualitative problem solving system PHYSYS](#)



Ali Manafi Shemirani, John C. Thompson

February 1989 **Proceedings of the 17th conference on ACM Annual Computer Science Conference**

Additional Information: [full citation](#), [abstract](#)

Any expert system designer should consider answering questions such as "What knowledge must be available to the system so that it reaches the solution of a given problem," "How should that knowledge be represented," and "What Programming Language is most suited for implementation of such a system." It has been shown by research on various types of rule-based systems that representations of prototypical situations confronted in a domain are one kind of knowledge crucial to the performance comp ...

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» Key

IEEE JNL IEEE Journal or Magazine

IEE JNL IEE Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IEE CNF IEE Conference Proceeding

IEEE STD IEEE Standard

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IEEE JNL IEEE Journal or Magazine

Select Article Information

IEEE JNL IEE Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IEEE CNF IEE Conference Proceeding

IEEE STD IEEE Standard

- ☐ 1. **Shared memory implementations of synchronous dataflow specifications**
Murthy, P.K.; Bhattacharyya, S.S.;
Design, Automation and Test in Europe Conference and Exhibition 2000. Proc
27-30 March 2000 Page(s):404 - 410
Digital Object Identifier 10.1109/DATE.2000.840303
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- ☐ 2. **A robust image processing language in the context of image algebra**
Dougherty, E.R.; Sehdev, P.;
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- ☐ 3. **Software synthesis and code generation for signal processing systems**
Bhattacharyya, S.S.; Leupers, R.; Marwedel, P.;
Circuits and Systems II: Analog and Digital Signal Processing, IEEE Transacti
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Volume 47, Issue 9, Sept. 2000 Page(s):849 - 875
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Jimenez-Fraustro, F.; Rutten, E.;
Real-Time Systems, 13th Euromicro Conference on, 2001.
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Griffiths, H.D.;
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Knoll, A.; Nieberle, R.;
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- ☐ **10. Robot controller specification using SART approach**
Urbain, L.; Tondou, B.;
Control Applications, 1994., Proceedings of the Third IEEE Conference on
24-26 Aug. 1994 Page(s):303 - 308 vol.1
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- ☐ **11. A psychological basis for the design of computer systems which suppor activity**
Jagodzinski, A.P.; Ball, L.; Evans, J.St.B.; Dennis, I.; Baker, K.D.; Culverhouse
P.D.; Scothern, D.; Venner, G.;
HCI: Issues for the Factory, IEE Colloquium on
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- ☐ **12. Using VHDL for high-level, mixed-mode system simulation**
Srivastava, M.B.; Brodersen, R.W.;
Design & Test of Computers, IEEE
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- ☐ **13. Automatic generation of availability models in RAScad**
Dong Tang; Ji Zhu; Andrada, R.;
Dependable Systems and Networks, 2002. Proceedings. International Confere
23-26 June 2002 Page(s):488 - 492
Digital Object Identifier 10.1109/DSN.2002.1028935
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